	Page 1								
1	PUBLIC HEARING ON A PROPOSED INITIAL PART 70 AIR								
2	OPERATING AND PREVENTION OF SIGNIFICANT DETERIORATION								
3	PERMITS & THE ASSOCIATED ENVIRONMENTAL ASSESSMENT								
4	STATEMENT								
5	FOR								
6	RED RIVER ENVIRONMENTAL PRODUCTS, LLC								
7	GREENFIELD ACTIVATED CARBON MANUFACTURING FACILITY								
. 8	ARMISTEAD, RED RIVER PARISH, LOUISIANA								
9									
10	Coushatta City Hall								
11	1211 East Carroll Street								
12	Coushatta, Louisiana 71019								
13	*********								
14	Hearing								
15	January 22, 2008								
16	6:30 P.M.								
17	***************************************								
18	Agency Interest Number 152139								
19	Agency Interest Number 152139								
20	ORIGINAL								
21	ORIGINAL								
22									
23									
24	Reported By: Dawn Torbett, CCR								
25	·								

	Page 2							
1	APPEARANCES							
2	Jay Gloriso - HEARING OFFICER - Louisiana Department							
3	of Environmental Quality							
4	Shelia Glesmann - ADA - ES, INC.							
-5	JOHN WILLIAMS - WORKERS FOR A LIVABLE LOUISIANA AND							
6	LEGAL AND SAFETY EMPLOYER RESSEARCH							
7	JASON FONTENOT - SELF							
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	WHEREUPON, the following proceedings were had, to
2	wit:
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4	MR. GLORIOSO: Let's go on the
,	record. Good evening. Let the record reflect that
	the time is 6:20p.m. My name is Jay Glorioso. I am
-	employed with Louisiana Department of Environmental
3	Quality, LDEQ. I will be serving as the hearing
}	officer this evening, Tuesday, January 22, 2008.
10	This hearing is scheduled to accept public
13	comments concerning the proposed initial Part 70 Air
12	Operating & Prevention of Significant Deterioration
13	(PSD) permits and the associated Environmental
14	Assessment Statement or EAS for Red River
15	Environmental Products, LLC, Greenfield Activated
16	Carbon Manufacturing Facility, Armistead, Red River
17	Parish, Louisiana, Agency Interest number, or AI,
18	152139, Part 70 Air Operating Permit Number 2420-
19	00027-VO and Activity Tracking Number PER20070001 and
20	the PSD, PSD Permit No. PSD-LA-727, Activity Tracking
2	Number PER20070002 and the associated EAS.
22	The site is to be located approximately one-half
23	mile west of Armistead on the south side of Parish
24	Road south side of Parish Road 604, Armistead, Red
25	River Parish. Red River Environmental Products

Page 4 1 requested an Initial Part 70 Air Operating Permit and 2 a PSD permit for their Greenfield Red River 3 Environmental Products Activated Carbon Manufacturing 4 Facility. 5 Red River Environmental Products will be a major 6 source under the PSD program, Louisiana Administrative Code or LAC 33 3 509. The 7 8 construction of the Greenfield Activated Carbon 9 Manufacturing Facility or just the facility will 10 result in significant emissions of the following 11 pollutants: particulate matter (PM/PM10), sulfur dioxide (SO2), nitrogen oxides, (NOx), carbon 12 monoxide (CO), volatile organic compounds (VOC), and 13 14 sulfuric acid mist (H2SO4). 15 Therefore, PSD requirements including best 16 available control technology or (BACT) apply. The 17 selection of BACT was based on a top down approach; a 18 more thorough discussion of the BACT selection 19 process can be found in the proposed permit, excuse 20 me, PSD-LA-727. 21 Per 40 Code of Federal Regulations Part 60.6 (f) and LAC 33:III.507.I, permit shields have been 22 23 determined for the proposed permit. Compliance with 24 the PSD-LA-727 permit and NSPS, 40 CFR PART 60, 25 Subpart Db, including the monitoring, recordkeeping

1 and reporting requirements of Subpart Db, constitutes 2 compliance with LAC 33:III.CH.15, including 3 operations during periods of startup, shutdown and 4 malfunction. Both the PSD permit and the NSPS 5 requirements are federally applicable requirements 6 that are more stringent and overlapping with the CH. 7 15 requirements. Compliance with the PSD limits ensures that the unit achieves Best Available Control 8 9 Technology ("BACT") and New Source Standards which 10 are more stringent than the Reasonably Available Control Technology requirements of Ch.15. 11 12 The Environmental Assessment Statement submitted 13 by the applicant addresses avoidance of potential and 14 real environmental effects, balancing of social and 15 economic benefits against environmental impact costs, 16 and alternative sites, projects, and mitigative 17 measures. These permits were processed as expedited 18 19 permits in accordance with LAC 33:I Chapter 18. 20 This hearing is not being conducted in a question and answer format. Please remember that the 21 22 purpose of this public hearing is for LEDEQ to 23 receive your comments concerning the proposed initial 24 Part 70 Air Operating and PSD permits and the EAS. 25 This hearing is to provide all individuals a

1 chance to be heard regardless of their position on the proposed initial Part 70 Air Operating and PSD 2 3 permits and the associated EAS. 4 Courteous behavior is expected of everyone at 5 all times. You may speak in support of the permitting actions; in opposition to the permitting actions; or 6 7 simply to provide additional information. All interested parties will be given a reasonable 9 opportunity to comment, unless testimony is not related to the purpose of the hearing. All comments 10 11 heard during this hearing and all written comments 12 received during the comment period will be evaluated 13 and addressed in the Department's written response. 14 A public notice advertising this public hearing 15 and request for public comment on the proposed initial Part 70 Air Operating, PSD permits and the 16 17 associated EAS was published in The Advocate of Baton 18 Rouge and the Coushatta Citizen of Natchitoches on 19 December 13, 2007. 20 A copy of the proposed initial Part 70 Air 21 Operating permit, PSD permit and the EAS are available for inspection and review at the LDEQ, 22 Public Records Center, Room 127, 602 North 5th 23 24 Street, Baton Rouge, Louisiana. Viewing hours are 25 8:00 A.M. to 4:30 P.M., Monday through Friday, except

Page 7 1 holidays. The available information can also be 2 accessed electronically on the Electronic Document 3 Management System, (EDMS) on the DEQ public website at 4 deq.louisiana.gov. An additional copy is also available for review 6 at the Red River Parish Library, 2022 Alonzo Carroll, 7 Coushatta, LA 71019. In addition, copies of the 8 public notice were mailed to individuals who have 9 requested to be placed on the mailing list maintained 10 by the Office of Environmental Services on December 11 11, 2007. 12 In accordance with Louisiana Administrative 13 Code, Title 33, Part III, Sections 531.A.3.C and 14 509.Q, comments received by 12:30 P.M., Monday, 15 January 28, 2007, will be considered prior to a final 16 decision. All comments received by 12:30 P.M. January 17 28, 2007, shall be retained by the Department and 18 considered in determining whether to issue or deny 19 the proposed initial Part 70 air operating, PSD 20 permit and the associated Environmental Assessment 21 Statement. 22 Written comments on this proposed initial Part 23 70 Air Operating Permit, PSD permit and the EAS may 24 be submitted to Ms. Soumaya Ghosn, LDEQ, Office of 25 Environmental Services, Environmental Assistance

1 Division, P.O. Box 4313, Baton Rouge, LA 70821-4313. 2 Under LA Revised Statutes 30:2017, as revised 3 by the legislature in the 2004 session, the LDEQ is required to follow the following order with the 5 provision that the presiding officer may give 6 preference to a public official to speak at any time 7 during the hearing. However, any time limit set for citizen testimony shall apply to public officials. 8 The Department must provide up to 30 minutes to the permit applicant for an introductory 10 presentation. Therefore, the preference for speaking 11 up to one hour is given as follows: 12 For the first hour, to those citizens who live 13 within a two-mile radius of the location of the 14 15 facility; 16 For the second hour, to those citizens who work within a two-mile radius of the location of the 17 facility; 18 19 And for the third hour, to those citizens who. 20 live within the parish of the location of the 21 facility. Thereafter, each hour of the hearing shall 22 23 alternate between those who are in support of the 24 Part 70 air operating permit, PSD and EAS and those 25 who are opposed the permits.

Page 9 1 The order of tonight's hearing will be based on 2 the information provided by the speaker on the 3 registration form. Anyone who registered to speak but did not provide the necessary information will be given the opportunity to speak; however, they will be called last in the order of registration. This hearing is being transcribed; therefore, I 7 will ask that each speaker begin by stating for the record their name, address, and any organization he 10 or she may represent. I would like to remind you to please turn off all cell phones. Thank you. 11 At this time, I would like to ask the permit 12 applicant's representative to come forward and make 13 their introductory presentation. 14 15 PRESENTATION BY: MS.GLESMANN: I would like to submit to 16 the record a copy of our presentation. 17 MR. GLORIOSO: Is this an exhibit? 18 19 MS. GLESMANN: As an exhibit, thank 20 I am Shelia Glesmann and the address right? I 21 reside in Severna Park, Mariland. I represent ADA-22 ES, Incorporated, the owner of Red River Environmental Products, LLC who is the owner of the 23 24 facility that's applying for the permit. And I just 25 wanted to -- is there any other required information?

1	MR. GLORIOSO: That's all. Okay.
2	MS. GLESMANN: You can hear me? Thank
3	you. You need me to spell my name? S-h-e-i-l-a
4	G-l-e-s-m-a-n-n. ADA-ES is a company based in
5	Littleton, Colorado and is the sole owner of Red
6	River Environmental Products, LLC. This statement is
7	a statement that is required when ADA-ES, being a
8	publicly held company, releases public information of
9	any kind. So this is just kind of generic legal
10	language we have to put on any presentation that's
11	for the public record.
12	ADA Environmental Solutions is an environmental
13	technology company and the root of developing this
14	plant came from our R and D programs. Which we
15	work with industry and the Department of Energy to
16	develop technology to enable coal fired power plants
17	to meet emission regulations. We are recognized
18	experts in environmental controls and have developed
19	technologies over the past twenty years to address
20	various problems that coal fired power plants have.
21	And our most recent work has been in mercury
22	control coal fired power plants. And that is the end
23	use of the products that would be produced at the Red
24	River Environmental Products Facility. The powdered
25	activated carbon, which is our primary product at the

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1	facility, is used to clean flue gas streams from coal
2	fired power plants to eliminate mercury emissions.
3	This process is done by dry sorbent injection.
4	I will show you on another slide, but basically
5	the product is generated at the sight and is shipped
6	out to coal fired power plants all across the US that
7	have to meet emission regulations. They take the
8 .	product and put it into their flue gas stream and the
9	carbon binds to mercury in the flue gas stream and
10	captures it and then the facility processes the
11	waist. So, there is no waste generated that's stored
12	at the facility that's in Red River Parish. The
13	product is distributed nationwide and in many
14	demonstrations that ADA-ES has conducted over the
15	past ten to fifteen years for mercury capture we've
16	demonstrated up to ninety percent and better mercury
17	capture using this technology.
18	Because of the commercialization of mercury
19	capture technologies, many states in the US have
20	passed rules to regulated mercury emissions from coal
21	fired power plants. And thirteen states have rules
22	on the books and another thirteen states are
23	discussing rules. In addition, there is a Federal

coal fired plants have to comply with.

Level Rule called the Clean Air Mercury Rule, that

1 This picture just shows kind of the end use --2 this is not the facility itself that's going to be in 3 Red River Parish, but this is the end use of a product that we're generating from the facility. On 5 the left is a silo, which shows where we store the activated carbon at a power plant. And the yellow 6 7 dotted line shows kind of the pathway that the sorbent would take to get injected into the duct and 8 9 control mercury emissions from the power plant. It's 10 injected upstream of particulate capture device so it's captured with the plant ash and then disposed of 11 along with the ash from the power plant. 12 13 It's a technology that we've proven through many 14 demonstrations nationwide on different types of 15 Some plants burn eastern coals and some burn 16 western coals and this is a technology that applies 17 to pretty much every power plant that's out there. 18 And so, there is a very large market that's 19 developing with the new regulatory drivers for 20 mercury emission control. 21 This slide shows the states, as I mentioned, 22 thirteen states have rules in place to capture 23 mercury from coal fired power plants, and that's what 24 The red states have a rule that's more this shows. 25 strict than the Federal Rule. The green states have

1 proposed regulations that are stricter than the 2 Federal Rule. And the white states are accepting the Federal Rules. So at the minimum there is a Federal 3 4 Rule Compliance Level for these power plants and then 5 some states have put in more stringent rules in 6 place. On top of that, if you're building a new power 7 plant you have to comply with more stringent rules. , 8 And some plants have entered into some kind of 9 10 agreement with their states to comply with mercury levels that are lower than other plants because they 11 12 are trying to build a new plant or they're trying to 13 make some other plans, so it's called a consent decree and they have actually just agreed to 14 15 voluntarily, in a lot of cases, reduce mercury emissions. 16 17 The product that's produced from the plant, from the Red River facility, is activated carbon. 18 19 Activated carbon is a product that is already used for water treatment and for a lot of different 20 21 improvements in both gaseous and liquid 22 contaminations. So it's an environmentally friendly 23 product. Sixty-five percent of it currently is used 24 for treatment of food or beverages and is probably 25 used in your own home, if you have refrigerator

1 water, filter that kind of thing. Currently, about 2 four-hundred- twenty-five million pounds is consumed 3 in the US each year and these new regulations are going to about double that demand for the product by 5 about 2010. Even without a Federal Rule, increase in the market is fairly dramatic. 6 7 There is just a couple more slides. This one shows a diagram of this facility, which you can also 8 9 see here in larger format if you want to study it at 10 This is a draft rendering a layout -- is going to be a little bit different from this, but just to 11 12 give you a feel for it. You see that at the lower left, this is where lignite coal comes into the 13 14 facility and it's stored in silos on the upper left. 15 Then it's conveyed into a thermal treatment process which we call multiple hearth furnaces. It's where 16 the coal is converted into an activated carbon 17 18 product. Then the product itself is stored in silos 19 at the top right of the picture, there. And, maybe I should -- I can't - - can I go over 20 21 here or do you want me to speak into the microphone? 22 So I can point to this picture a little bit more 23 clearly. Is this better? Can you see this better? 24 At least you can. Thank you. Okay. 25 Just to review this is a coal receiving

1 facility. This is storage of the lignite coal before 2 we process it. It goes into the processing thermal 3 processing unit and it's stored in these silos for transport off the site, to facilities around the 4 5 country that need to use the product. 6 Flue gases from the thermal processing unit go 7 through several stages of air pollution control. There is afterburner reduction for CO and VOC 8 9 emissions. It goes through an SNCR, which is the 10 process for reducing the NOx emissions. 11 through a boiler for generation of steam and one of 12 the other products in the plant, key products in the 13 plant, is a small amount of exported power. through a spray dryer for SO2 and acid gas control 14 15 and a bag house to control particulate matter emissions and ultimately comes out the stack. 16 17 This shows one production line of the facility. 18 This facility will create about fifty jobs, as shown The permit is for two productions lines. We. 19 20 don't show this on the rendering, but there are 21 actually two production lines that we plan to build, 22 one per market. Developed to support that level of sales -- product sales. 23 24 Okay. There is one more slide. And I think 25 it's just kind of showing some of the process.

1 don't think there is to much to add from the last 2 picture, so that concludes my presentation. MR.GLORIOSO: Thank you, Shelia. Let's I will now begin by allowing all persons who have signed up to speak five minutes in which to 6 present their comments. Anyone, who needs more than 7 five minutes, will be allowed to finish his or her comments after all the registered speakers have the 8 opportunity to speak. 10 At this point and time, I usually ask if there 11 is any public officials that wish to speak or present 12 and wish to speak, and I give them preference of five minutes to start off with. Do we have any public 13 officials that have anything they would like to say? 14 I will let the record reflect, that no one has 15 16 indicated a willingness to do so. 17 Our first speaker will be those citizens that live within a two mile radius of the facility. I 18 19 have two folks, other than Shelia, that have signed 20 up to speak and one says they oppose the proposed permit and the other has not checked off a box. 21 22 am going to go with the one that signed up first, which is John Williams. 23 24 PRESENTATION BY: 25 JOHN WILLIAMS: I have written

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1	comments and exhibits to submit.
2	MR. GLORIOSO: All this as one
3	exhibit?
4	MR. WILLIAMS: Yes. The written
5	comments are followed by various studies that are
6	reference to the written comments.
7	MR. GLORIOSO: Okay. So the entire
8	thing is going to be one exhibit, right?
9	MR. WILLIAMS: As you wish.
10	MR. WILLIAMS: My name is John Paul
11	Williams. My residence is in Portland, Oregon. I
12	have been an environmental researcher
13	environmental and industrial researcher for the last
14	twenty years. Reviewing various air and water
15	pollution permits, various types of industrial
16	facilities, such as power plants and refineries. And
17	speaking tonight on behalf of two groups: Workers for
18	a Livable Louisiana and also Laser (Legal and Safety
19	Employer Research).
20	First of all, I would like to start by thanking
21	Louisiana DEQ, appreciate your providing the
22	opportunity for public comment. Appreciate, Ms.
23	Ghosn and her staff providing us some help, to me and
24	the folks I am working with on the DEQ procedures.
25	While Red River Environmental is producing what

1 they call an environmentally friendly product that is 2 in itself beneficial, our concerns are that the facility itself and the air permit that's proposed 3 for the facility are not environmentally friendly. And in fact, do not comply with the clean air act laws and the Louisiana DEQ regulations. I provided a 7 very full discussion, comments and attachments. I would like to present some of the more 8 important issues, to reduce sulfur dioxide emissions. 10 The usual choice of a plant that's burning coal and 11 this facility will be treating exhaust from basically 1.2 superheating of coal. So it is in effect, a coal 13 exhaust and most coal plants use what are called wet 14 scrubbers, because they are by far the most efficient 15 method to rebuild sulfur dioxide pollution. 16 This facility does not propose to use a wet scrubber. They're proposing a dry scrubber which is 17 18 much less efficient. They make several assertions to reject wet scrubbers: that they're to expensive, they 19 20 use to much water, that they produce particulate 21 emissions. We don't believe those concerns are 22 adequate reasons to reject wet scrubbers. 23 scrubbers produce a waste that must itself be wetted 24 down, so it has a water use of its own. 25 I have attached studies showing that wet

1	scrubbers do not produce excessive particulate
2	emissions. And most importantly, when you use a wet
3	scrubber you are left with a byproduct that is a
4	sellable material of gypsum that can be sold. When
5	you use - that's the byproduct of a wet scrubber.
6	When you use a dry scrubber what you are left with is
7	a waist that will have to be land filled and that's
8	very wasteful and its entire mental impact producing
9	an unproductive waste which was never discussed in
10	the air permit analysis. And in fact, the Red River
11	Environmental representative said that the project
12	will not have waste that was misleading, because it
13	will have waste. It will have dry scrubber waste
14	that will go in a landfill. That's an impact that
15	was not discussed.
16	Nonetheless, they rejected a wet scrubber in
17	favor of a dry scrubber, even if it's going to result
18	in higher levels of air emissions. But we don't
19	believe it's a legally adequate discussion is
20	presented to reject the best control technology
21	because of what are termed legally collateral
22	impacts. The kind of problems they're pointing out
23	with wet scrubbers must be unique to this facility
24	and they certainly are not. They are common through
25	out the industry. Nonetheless, wet scrubbers are

predominately used to control emissions from coal 1 2 exhaust and should be used on this facility also. 3 The second principal objection I have is that for control of nitrogen oxide emissions, the very 4 5 best control for controlling nitrogen oxide emissions from coal exhaust is called selective catalytic 6 7 reduction. However, Red River Environmental has 8 rejected selective catalytic reduction and they are not going to use it. They are going to use an 9 10 inferior technology non-catalytic reduction even 11 though it is going to allow a higher level of air 12 emissions. 13 Now, they claim you can't use selective 14 catalytic reduction on exhaust from lignite coal, which will be the feed stock for this facility, and 15 16 that it has never been used on - SCR has never been 17 used on lignite. Well, that's a misleading statement 18 because lignite has been used for decades; SCR has 19 been used on lignite fired coal plants in Europe for 20 decades. And lignite has been permitted recently, excuse me, SCR has been permitted recently on a 21 22 lignite fired coal plant in Texas. And furthermore, 23 the only reason SCR has not been permitted on a 24 lignite coal plant sooner in the United States is because there simply haven't been any lignite fired 25

1	coal plants built.						
2	Now, the EPA has said that venders for selective						
3	catalytic reduction were willing to guarantee its						
4	instillation on a lignite fired unit. Nonetheless,						
5	Red River has failed to provide any discussion of						
6	what SCR vendors have said about the potential						
7	applicability of their technology to this particular						
8	facility. That's a serious lack and a backed						
9	analysis that makes this whole analysis legally						
10	deficient and we ask LDEQ to send Red River						
11	Environmental back to the drawing board, take a						
12	harder look at wet scrubbers, take a harder look at						
13	selective catalytic reduction. Now Red River sites						
14	several alleged problems with SCR that the catalyst						
15	will become dirty or clogged because of the high dust						
16	and the exhaust. Well, SCR has been used in high						
17	dust environments on coal plants once again for						
18	decades. There are technologies such as soot blowing						
19	and sonic horns that can clean catalyst when it's in						
20	use.						
21	And furthermore, there's another design at the						
22	facility called a tail end SCR that was never						
23	discussed and the backed analysis for this facility.						
24	And a tail end SCR is when the catalyst unit comes						
25	after the particulate removal unit and therefore the						

1 exhaust stream has a lower level of particulate, the catalyst is protected and it's in wide use. And I 2 3 provide twenty-five pages of examples of use of SCR on both lignite coals and in high dust situations and as a tail gas unit. 5 6 So for these reasons set forth in greater detail 7 in my written submittal, we are asking LDEQ to say that proper backed analyst was not conducted for the 8 Red River Environmental Facility. And if LDEQ 10 chooses to approve the permit as presented then we ask that in the response to comments they provide me 11 12 with a full description of the appeal procedures for 13 this permit because we certainly would consider it legally inadequate. Thank you very much for your 14 15 time. 16 Thank you Mr. Williams. MR. GLORIOSO: Next we 17 have Jason Fontenot. PRESENTATION BY: 18 19 My name is Jason Fontenot, JASON FONTENOT: 20 I live in Calcasieu parish in Lake F-o-n-t-e-n-o-t. 21 Charles, but I have a fishing camp in the area. 22 concern is, I can see that the sites in the plant 23 will be paved but there will be a lot of dust an ash 24 and coal particulates on the pavement. I think the 25 air permit should require some type of periodic

- .1 washing and sweeping, possibly to prevent any adverse
- 2 conditions in our waterways and things like that.
- 3 And that's all I have to say.
- 4 MR. GLORIOSO: Thank you, Mr. Fontenot. Shelia
- 5 Glesmann had also signed up to speak; did you want to
- 6 say anything else in addition to the closing
- 7 comments?
- 8 MS. GLESMANN: No. Not at this time. Thank
- 9 you.
- 10 Mr. GLORIOSO: Okay. Let's see. That's
- 11 everybody that signed up to speak. Now we are going
- to see if anyone else wanted to speak that did not
- 13 sign up.
- 14 At this time I would like to call on the
- 15 citizens who are in support of the proposed Initial
- 16 Part 70 Air Operating Permit PSD permit and the
- 17 Associated Environmental Assessment Statement
- followed by those citizens who are opposed to the
- 19 permit.
- Is there anybody who did not come up to speak
- 21 who wishes to speak at this point and time, in either
- 22 support or in opposition to the permit? Let the
- 23 record reflect, that there are no individuals who
- 24 wish to speak at this point who had not signed up.
- It is now; my watch has 6:55 P.M. and I'm going

	Page 24
1	to go ahead with my closing remarks. Any other
2	comments? . I would like to remind you that the
3	comment period for this proposed initial Part 70 Air
4	Operating Permit, PSD permit and the EAS for the Red
5	River Environmental Products, LLC, Greenfield
6	Activated Carbon Manufacturing Facility ends at 12:30
7	P.M., Monday, January 8, 2008.
8	I have received a total of two exhibits during
9	this hearing, marked Exhibit A and Exhibit B. If
10	there are no other comments, I would like to thank
11	you for your attention and participation in this
12	hearing.
13	Let the record reflect, that the time is 6:56
14	p.m. This hearing is closed.
15	Mr. Glorioso: Can we go back on the
16	record, please?
17	On the record the time is 6:58. Just to make a
18	quick correction, I believe I said the comment period
19	ends January 8, 2008. I would like to make a
20	correction to Monday, January 28, 2008. Thank you.
21	Back off the record, it is 6:58 P.M.
22	HEARING CLOSED
23	
24	
25	

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6	CERTIFICATION
7	THE STATE OF LOUISIANA
8	
9	I, Dawn Torbett, a Certified Court
10	Reporter in and for the State of Louisiana do
11	hereby certify that the foregoing 24 pages contain
12	a true and correct transcripts of the proceeding in
13	the above-styled and numbered cause, all of which
14	were reported by me, using steno mask.
15	WITNESS my hand on this the 22nd day of
16	January, 2008.
17	OFFICIAL SEAL BAWN TORBETT
18	Certificate expires 12-31-08
19	The same of the same same same same same same same sam
20	Hanrahan Reporting Service
21	2800 Youree Drive, Suite C-330 Shreveport, LA 71104
23	Shreveport, LA 71104 318-865-1700
23	210-003-1100

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A	7:12	23:12	attention 24:11	both 5:4 13:21 22:4
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